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WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

1931–1932

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UNITED STATES DEPARTMENT OF AGRICULTURE
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WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

By MARY A. AGNEW
Office of Experiment Stations

1931–1932

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building, Buildings.
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bul., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Comp., Comparative.
Comn., Commission.
Comr., Commissioner.
Consult., Consulting.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic, Economics, Economist.
Ed., Education.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Erad., Eradication.
Expt., Experiment, Experimentalist, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
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Org., Organic.
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Parasitol., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secy., Secretary.
Secon., Secondary.
Sociol., Sociology, Sociologist.
Sta., Station.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technology, Technologist, Technical.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

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A key to the abbreviations used is given on page IV.

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*†J. J. Thornber, A. M., *Prof. Bot.; Bot.*

Chemistry (Agr.) and Soils:
*†W. T. McGeorge, M. S., *Research Chem. in Soils. Actg. Head of Dept.*
†J. F. Breazeale, B. S., *Research Biochem. (Coop. U. S. D. A.).*

[1] On leave.

Chemistry (Agr.) and Soils—Contd.
*†T. F. Buehrer, Ph. D., *Prof. Agr. Chem.; Phys. Chem.*
*†R. A. Greene, M. S., *Instr. and Asst. Agr. Chem.*
†M. R. Isaacson, M. S., *Asst. Soil Chem. (P. O., Phoenix).*
*†H. V. Smith, M. S., *Asst. Prof. and Asst. Agr. Chem.*

Dairy Husbandry:
*†W. S. Cunningham, M. S., *Prof. Dairy Husb.; Dairy Husb.*
*†R. N. Davis, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
‡C. F. Rowe, B. S., *Dairy and Poultry Specialist.*

Education (Voc. Agr. and Home Econ.):
*L. D. Klemmedson, M. S., *Assoc. Prof. Agr. Ed.*
*Faye Jones, M. S., *Assoc. Prof. Home Econ. Ed.*

Engineering (Agr.-Irrig.):
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†Karl Harris, M. A., *Asst. Irrig. Engin. (Coop. U. S. D. A.; P. O., Phoenix).*
*†H. C. Schwalen, M. S. in C. E., *Assoc. Prof. and Assoc. Agr. Engin.*

Engineering (Agr.-Irrig.)—Contd.
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†A. G. Carns, B. S., *Field Asst. in Irrig. and Hort. (P. O., Somerton).*

Entomology—*See* **Zoology.**

Extension (Admin.): [1]
Director Ross *in charge.*
‡A. B. Ballantyne, M. S., *Asst. Dir.*
‡Frances L. Brown, B. S., *State Home Dem. Leader.*
‡H. R. Baker, B. S., *Boys' and Girls' Club Specialist.*
‡B. E. Foster, *Rodent Pest Specialist (Coop. U. S. D. A.: P. O., Phoenix).*
‡G. W. Barr, D. Ed., *Ext. Econ.*

Home Economics:
*Stella Mather,[2] M. A., *Prof. Home Econ.*
‡Zella A. Blake, M. A., *Clothing Specialist.*
*Olive Gallatin, M. S., *Asst. Prof. Home Econ.*
*†J. Gladys Hartley, Ph. D., *Asst. Prof. Home Econ.; Asst. Nutr. Chem.*
*Mrs. Mabel L. Lynott, M. S., *Instr. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*

Horticulture:
*†A. F. Kinnison, M. S., *Prof. Hort.; Hort.*
†D. W. Albert, M. S., *Assoc. Hort. (P. O., Phoenix).*
‡Fred Draper, M. S., *Hort. Specialist.*
*†A. H. Finch, Ph. D., *Asst. Prof. and Asst. Hort.*
*†M. F. Wharton, M. S., *Asst. Prof. and Asst. Hort.*

Human Nutrition:
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Plant Breeding:
*†W. E. Bryan, M. S., *Prof. Plant Brdg.; Plant Breeder.*
*†E. H. Pressley, M. S., *Assoc. Prof. Plant Brdg.; Assoc. Plant Breeder.*

Plant Pathology:
*†J. G. Brown, Ph. D., *Prof. Plant Path.; Plant Path.*
†M. M. Evans, M. S., *Research Asst. in Plant Path.*
*†R. B. Streets, Ph. D., *Assoc. Prof. and Assoc. Plant Path.*

Poultry Husbandry:
*†Harry Embleton, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*†H. B. Hinds, M. S., *Asst. Prof. and Asst. Poultry Husb.*

Range Ecology:
*†W. G. McGinnies, B. S., *Assoc. Prof. Bot.; Range Ecol.*

Zoology and Entomology:
*†C. T. Vorhies, Ph. D., *Prof. Zool. and Ent.; Ent.*
*†E. D. Ball, Ph. D., *Prof. Zool.; Zool.*
*†A. A. Nichol, B. S., *Asst. Prof. and Asst. Ent.*
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Miscellaneous:
*Estelle Lutrell, A. M., *Libr.*
*Mrs. Ethel N. Hopkins, B. S., *Editor.*

Substations:
Salt River Valley Expt. Farm, *P. O., Mesa*—C. J. Wood, *Foreman.*
Tempe Date-Palm Orchard, *P. O., Tempe*—R. H. Hilgeman, B. S., *Research Asst. in Hort.*
University Farm, *P. O., Tucson*—J. R. Reed, *Foreman.*
Yuma Valley and Mesa Farms, *P. O., Yuma.*
J. G. Hamilton, B. S., *Foreman.*
G. H. Seamans, *Asst. Foreman.*

ARKANSAS

College of Agriculture and the Agricultural Experiment Station of the University of Arkansas, *Fayetteville*

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*J. C. Futrall, M. A., LL. D., *President of University*
*†‡Dan T. Gray, A. B., M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Agr. Ext. Service*
*†C. O. Brannen, Ph. D., *Asst. Dir. of Research*

Agronomy:
*†Martin Nelson, M. S., *Head of Dept., Vice Dean of Coll.*
*†R. P. Bartholomew, Ph. D., *Asst. Prof. and Asst. Agron.*
‡D. J. Burleson, M. S., *Agron. Specialist.*
*†George Janssen, Ph. D., *Asst. Prof. and Asst. Agron.*
*†L. C. Kapp, Ph. D., *Instr. and Asst. Agron.*
*†C. K. McClelland, M. S., *Asst. Prof. and Asst. Agron.*
*†O. A. Pope, M. S., *Instr. and Asst. Agron.*
*†J. O. Ware, M. S., *Prof. Agron.; Agron.*

Animal Industry:
———— ————, *Head of Dept.*
*†C. O. Jacobson, M. S., *Instr. and Asst. in An. Indus. (Dairying).*
‡G. W. Knox, jr., B. S., *Poultry Specialist (P. O., Little Rock).*

Animal Industry—Continued.
*†M. S. Libbert, B. S., *Instr. and Asst. An. Indus.*
*†Edgar Martin, M. S., *Asst. Prof. and Asst. An. Indus. (Beef Cattle and Horses).*
‡M. W. Muldrow, B. S., *Livestock Specialist (P. O., Little Rock).*
*†R. M. Smith, M. A., *Instr. and Asst. An. Indus. (Poultry).*
‡W. H. Woodley, B. A., *Dairying Specialist.*

Bacteriology and Veterinary Science:
*†W. L. Bleecker, D. V. M., M. S., *Head of Dept.*
*J. H. Bux, D. V. S., *Prof. Vet. Sci. (State Vet.: P. O., Little Rock).*

Chemistry (Agr.):
*†Barnett Sure, Ph. D., *Head of Dept.*
†Kathryn S. Buchanan, M. S., *Research Asst. in Agr. Chem.*
*†M. C. Kik, Ph. D., *Asst. Prof. and Invest. in Agr. Chem.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On leave.

Economics and Sociology (Rural):

*†C. O. Brannen, Ph. D., *Head of Dept.*
*†E. P. Dargan, M. S., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
*†B. M. Gile, Ph. D., *Prof. Rural Econ. and Sociol.; Econ. and Sociol.*
*†O. J. Hall, M. S., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
‡J. S. Knox, M. S., *Mktg. Specialist.*
*†T. C. McCormick, Ph. D., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
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‡E. D. White, B. S., *Asst. in Mktg.* (*P. O., Little Rock*).

Editorial:

*‡K. B. Roy, B. J., *Editor.*
*†‡J. P. Bell, *Asst. Editor and Asst. to Dean.*

Education (Agr.):

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*R. W. Roberts, M. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

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*†J. B. Woods, M. S., *Instr. and Asst. in Agr. Engin.*

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Extension (Admin.): [1]

Director Gray *in charge.*
‡T. R. Reid, M. S., *Asst. Dir.* (*P. O., Little Rock*).
‡Connie J. Bonslagel, A. B., *State Home Dem. Agt.* (*P. O., Little Rock*).
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Forestry—*See* **Horticulture and Forestry.**

Home Economics:

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‡Mrs. Ida A. Fenton, M. S., *Home Mgt. Specialist* (*P. O., Little Rock*).
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Home Economics—Continued.

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Horticulture and Forestry:

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‡C. A. Gillett, M. F., *For. Specialist* (*P. O., Little Rock*).
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*†C. B. Wiggans, M. S., *Asst. Prof. and Asst. Hort.*

Plant Pathology:

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*†D. M. Moore, Ph. D., *Prof. Bot.; Bot.*
*†H. R. Rosen, Ph. D., *Prof. Plant Path.; Plant Path.*
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Miscellaneous:

*†Margaret Gallaway, *Libr.*

Substations:

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R. A. Cody, B. S., *Semi-tech. Asst.*
Glen Staton, B. S., *Semi-tech. Asst.*
Fruit and Truck Branch Expt. Sta., *P. O., Hope*—
G. W. Ware, B. S., *Asst. Dir. in charge.*
Sam Dameron, B. S., *Semi-tech. Asst.*
J. L. Hiler, B. S., *Semi-tech. Asst.*
Rice Branch Expt. Sta., *P. O., Stuttgart*—
G. H. Banks, B. S., *Asst. Dir. in charge.*
Clyde Carter, B. S., *Semi-tech. Asst.*

Arkansas State College, *Pine Bluff*

*Agricultural faculty

*J. B. Watson, A. M., *President*

*William Hill, B. S., *Asst. in Agr.*
*L. W. Johnson, *Instr. Agr.*
*E. R. Moore, M. S., *Head Dept. of Agr.*
*Pinkie Thrift, M. S., *Head Dept. of Home Econ.*
*Evelyn Young, B. S., *Asst. in Home Econ.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

CALIFORNIA

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*†C. B. Hutchison, M. S., *Dean Coll. of Agr., Dir. of Sta.*
‡B. H. Crocheron, M. S., *Dir. Agr. Ext. Service*
†L. D. Batchelor, Ph. D., *Dir. Citrus Expt. Sta.*
*†W. L. Howard, Ph. D., *Dir. Branch of Coll. of Agr.*
†H. R. Tolley, B. S., *Dir. Giannini Foundation of Agr. Econ.*
*T. F. Tavernetti, B. S., *Asst. Dean Coll. of Agr.*

Agronomy:

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*†J. W. Gilmore, M. S., *Prof. Agron.* (*P. O., Davis*).
*†C. F. Shaw, B. S., *Head Div. of Soil Tech.*
†Ruth F. Allen, Ph. D., *Assoc. in Agron.* (*Coop. U. S. D. A.*).
*C. A. Anderson, Ph. D., *Asst. Prof. Geol.* (*P. O., Davis*).
*†G. B. Bodman, Ph. D., *Assoc. Prof. and Assoc. Soil Tech.*
*†F. N. Briggs, Ph. D., *Asst. Prof. and Asst. Agron.* (*P. O., Davis*).
‡J. E. Coke, B. S., *Agron. Specialist.*
*†R. C. Cole, M. S., *Instr. and Junior Soil Tech.*
†J. P. Conrad, B. S., *Assoc. Agron.* (*P. O., Davis*).
†S. W. Cosby, Ph. D., *Asst. Soil Tech.*
†J. A. Denny, *Foreman in Cereal Work.*
†F. A. Greer, *Field Asst. in Agron.* (*P. O., Davis*).
*†G. W. Hendry, B. S., *Asst. Prof. and Assoc. Agron.*
†W. W. Mackie, M. S., *Assoc. Agron.*
*†Alfred Smith, Ph. D., *Assoc. Prof. and Assoc. Soil Tech.* (*P. O., Davis*).
†R. E. Storie, B. S., *Asst. Soil Tech.*
†W. W. Weir, *Assoc. Drainage Engin.* (*Soils*).
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Animal Industry:

*†G. H. Hart, D. V. M., M. D., *Head of Div.* (*P. O., Davis*).
*†H. H. Cole, Ph. D., *Asst. Prof. and Asst. An. Husb.* (*P. O., Davis*).
†A. H. Folger, B. S., *in charge Advanced Registry Work* (*P. O., Davis*).
*†Harold Goss, Ph. D., *Asst. Prof. and Asst. An. Husb.* (*P. O., Davis*).
*†P. W. Gregory, Sc. D., *Asst. Prof. and Asst. An. Husb.* (*P. O., Davis*).
†H. R. Guilbert, M. S., *Asst. An. Husb.* (*P. O., Davis*).
†C. E. Howell, M. S., *Assoc. An. Husb.* (*P. O., Davis*).
*†E. H. Hughes, M. S., *Assoc. Prof. and Assoc. An. Husb.* (*P. O., Davis*).
†Max Kleiber, D. Sc., *Assoc. in An. Husb.* (*P. O., Davis*).
†S. W. Mead, M. S., *Assoc. An. Husb.* (*P. O., Davis*).
*†R. F. Miller, M. S., *Assoc. Prof. and Assoc. An. Husb.* (*P. O., Davis*).
*†W. M. Regan, A. M., *Prof. An. Husb.; An. Husb.* (*P. O., Davis*).
*†J. F. Wilson, M. A., *Asst. Prof. and Assoc. An. Husb.* (*P. O., Davis*).

Botany:

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*†W. A. Setchell, Ph. D., *Prof. Bot.*
*†H. A. Borthwick, Ph. D., *Asst. Prof. and Asst. Bot.* (*P. O., Davis*).
†E. B. Copeland, Ph. D., *Assoc. in Bot.*

[1] Including the Giannini Foundation.

Botany—Continued.

*W. F. Court, *Tech. Asst. in Bot.*
†A. S. Crafts, Ph. D., *Asst. Bot.* (*P. O., Davis*).

Chemistry and Plant Nutrition:

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*†W. P. Kelley, Ph. D., *Prof. Agr. Chem.; Agr. Chem.* (*P. O., Riverside*).
†S. M. Brown, *Asst. Chem.* (*P. O., Riverside*).
*J. S. Burd, B. S., *Prof. Plant Nutr.*
†H. D. Chapman, Ph. D., *Asst. Chem.* (*P. O., Riverside*).
†W. H. Dore, B. S., *Chem.*
†P. L. Hibbard, B. S., *Assoc. Chem.*
†J. C. Martin, B. S., *Assoc. Chem.*
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†E. E. Thomas, B. S., *Assoc. Chem.* (*P. O., Riverside*).
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Dairy Industry:

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†F. H. Abbott, B. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
*†W. C. Cole, M. S., *Assoc. in Dairy Indus.* (*P. O., Davis*).
‡G. E. Gordon, B. S., *Dairy Specialist.*
†J. L. Henderson, B. S., *Research Asst. in Dairy Indus.* (*P. O., Davis*).
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*†R. L. Adams, M. S., *Prof. Farm Mgt.; Agr. Econ.*
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‡L. W. Fluharty, B. S., *Farm Mgt. Specialist.*
‡W. C. Ockey, *Farm Mgt. Specialist.*
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Economics (Agr.)—Continued.

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*†H. R. Tolley, B. S., *Prof. Agr. Econ.; Agr. Econ.*
*†E. C. Voorhies, B. S., *Assoc. Prof. and Agr. Econ.*
*†David Weeks, C. E., Ph. D., *Assoc. Prof. and Assoc. Agr. Econ.*
‡H. R. Wellman, Ph. D., *Agr. Econ. Specialist.*
‡F. R. Wilcox, *Farm Mktg. Specialist.*

Editorial:

†W. E. Berg, B. S., *Editor.*

Education (Agr.):

*F. L. Griffin, M. S., *Assoc. Prof. Agr. Ed. and Supvr. Nondegree Curriculum (P. O., Davis).*
‡H. M. Butterfield, M. S., *Supvr. Agr. Corresp. Courses.*

Engineering (Agr.):

*†H. B. Walker, C. E., *Head of Div. (P. O., Davis).*
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*†H. L. Belton, *Farm Bldg. Technician (P. O., Davis).*
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†J. E. Christiansen, M. S., *Junior Irrig. Engin. (P. O., Davis).*
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*†R. L. Perry, B. S., *Asst. Prof. and Asst. Agr. Engin. (P. O., Davis).*
†L. C. Schultz, B. S., *Asst. Crop Irrig. (P. O., Davis).*
†J. R. Tavernetti, B. S., *Field Agr. Engin.*
†C. M. Titus, M. A., *Assoc. Statistician (P. O., Davis).*
*†F. J. Veihmeyer, C. E., Ph. D., *Assoc. Prof. Irrig. Invest. and Pract.; Irrig. Engin. (P. O., Davis).*
†J. S. Winters, *Assoc. in Farm Mech. (P. O., Davis).*
†R. Wray, *Foreman in Irrig. Invest. (P. O., Davis).*

Entomology:

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†S. F. Bailey, B. S., *Asst. in Ent.*
†A. J. Basinger, M. S., *Research Asst. in Ent. (P. O., Riverside).*

Entomology—Continued.

†A. D. Borden, A. M., *Asst. Ent. and Parasitol.*
†A. M. Boyce, Ph. D., *Asst. Ent. (P. O., Riverside).*
†Harold Compere, *Research Asst. in Ent. (P. O., Riverside).*
†Walter Ebeling, M. S., *Junior Ent. (P. O., Riverside).*
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*†E. O. Essig, M. S., *Prof Ent.; Ent.*
†S. E. Flanders, A. B., *Parasite Collector (P. O., Riverside).*
*†S. B. Freeborn, Ph. D., *Assoc. Prof. and Assoc. Ent. (P. O., Davis).*
*†W. M. Hoskins, Ph. D., *Asst. Prof. and Asst. Ent.*
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*†H. J. Quayle, M. S., *Prof. Ent.; Ent. (P. O., Riverside).*
†H. H. P. Severin, Ph. D., *Assoc. Ent.*
*†H. S. Smith, M. A., *Assoc. Prof. and Ent. (P. O., Riverside).*
†L. M. Smith, M. S., *Asst. in Ent. (P. O., San Jose).*
†R. H. Smith, Ph. D., *Ent. (P. O., Riverside).*
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†Jocelyn Tyler, M. A., *Research Asst. Ent.*
*E. C. Van Dyke, B. S., M. D., *Prof. Ent.*
†F. H. Wymore, M. S., *Assoc. in Ent. (P. O., Davis).*

Extension (Admin.):[1]

Director Crocheron *in charge.*
‡Harriet G. Eddy, A. B., *State Home Dem. Leader.*
‡Lillian D. Clark, *Asst. State Home Dem. Leader.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry and dairying, etc.

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[1] In cooperation with the Georgia State College of Agriculture.
[2] In cooperation with U. S. D. A. and Georgia State Forest Service.

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Farm Organization and Management—Continued.

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Home Economics:

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*‡Mrs. Kathryn V. Burns, M. A., *Asst. Prof. Home Econ. and State Leader in Home Econ. Ext.*
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*Mary E. Bennett, B. S., *Asst. in Institutional Mgt.*
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‡Mary L. Chase, A. M., *Asst. State Leader and Assoc. in Home Econ. Ext.*
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†‡Mrs. Ruth C. Freeman, A. B., *Specialist in Home Accts.*
‡Edna R. Gray, B. S., *Assoc. in Clothing Ext.*
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[1] Courses given in College of Education.
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Horticulture:

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Animal Husbandry—Continued.

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*B. B. Smith, *Asst. in Agr. Engin.*
‡W. G. Ward, M. S., *Ext. Prof. in charge Rural Engin.*
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‡J. L. Collins, B. S., *Field Agt. in Dairying.*
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‡Zelma Monroe, B. S., *Asst. State Home Dem. Agt.*
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‡Ida C. Hagman, B. S., *Field Agt. in Home Econ. (Home Furnishing).*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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*E. B. Doran, M. S., *Prof. Agr. Engin.*
*†H. T. Barr, A. E., M. S., *Asst. Prof. and Agr. Engin.*
‡C. J. Hutchinson, B. S., *Ext. Agr. Engin.*
†William Whipple, B. S., *Sugar Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]

Director Bateman *in charge.*
‡F. W. Spencer, B. A., *Asst. Dir. and State Agt.*
‡Ellen LeNoir, B. A., *State Home Dem. Agt.*
‡W. C. Abbott, B. S., *State Club Agt.*
‡G. L. Burleson, B. S., *Asst. State Club Agt.*
‡L. E. Perrin, *Asst. State Agt.*
‡L. W. Wilkinson, M. S., *State Agt. in Negro Work.*

Fertilizer and Feed Stuffs Laboratory:

†A. P. Kerr, M. S., *Chief Chem.*
†W. P. Denson, B. S., *Asst. Chem.*
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Horticulture and Forestry:

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Sugar Cane Work:

†W. G. Taggart, B. S., *in charge Sugar Cane Invest.*
††C. B. Gouaux, M. S., *in charge Outfield Work (P. O., Lafayette).*
†S. T. Breaux, B. S., *Asst. in Outfield Work (P. O., Houma).*
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Fruit and Truck Sta., *P. O. Hammond*—B. Szymoniak, B. S., *Supt. in charge.*
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*Virginia Q. Webb, B. S., *Foods.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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Editorial:

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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Agronomy:
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‡F. W. Oldenburg, B. S., *Agron. Specialist.*
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†R. G. Rothgeb, Ph. D., *Asst. Agron.*
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Animal and Dairy Husbandry:
*†‡DeVoe Meade, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
*†B. E. Carmichael, M. S., *Prof. An. Husb.; An. Husb.*
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‡K. A. Clark, M. S., *An. Husb. Specialist.*
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Animal Pathology and Bacteriology:
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Botany:
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Botany—Continued.
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Economics—*See* **Farm Management.**

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[1] Courses given in College of Education.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal and dairy husbandry, etc.

Farm Management and Economics (Agr.):
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Botany—*See* **Plant Pathology.**

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Editorial—*See* **Journalism.**

Education (Agr.):

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*†P. W. Manson, B. S., *Instr. and Asst. in Agr. Engin.*
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[2] For subject-matter workers see the respective division; i. e., agronomy and plant genetics, animal husbandry, etc.

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[1] On leave.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On leave.

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[1] For subject-matter workers see the respective division; i. e., animal husbandry, botany, etc.

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] For subject-matter workers see the respective division; i. e., animal husbandry, bacteriology, etc.
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] Under jurisdiction of the commissioner of agriculture (*Post office, Raleigh*), cooperating with the station in research.

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[2] Courses given in School of Education.
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] See also experiment station staff.

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[1] See also experiment station staff.
[2] For subject-matter workers see the respective division; i. e., animal husbandry, botany, etc.

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Miscellaneous:
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Substations:
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Northeastern Expt. Farm, *P. O., Strongsville*—L. A. Malik, *Supt.*
Northwestern Expt. Farm, *P. O., Holgate*—J. B. McLaughlin, B. S., *Supt.*
Southeastern Expt. Farm, *P. O., Carpenter*—S. C. Hartman, M. S., *Supt.*
Southwestern Expt. Farm, *P. O., Germantown*—H. M. Wachter, *Supt.*
Belmont County Expt. Farm, *P. O., St. Clairsville*—Walter Mahan, *Supt.*
Clermont County Expt. Farm, *P. O., Batavia*—H. S. Elliott, *Supt.*
Hamilton County Expt. Farm, *P. O., Mt. Healthy*—W. E. Weaver, *Supt.*
Madison County Expt. Farm, *P. O., London*—H. W. Rogers, B. S., *Supt.*
Mahoning County Expt. Farm, *P. O., Canfield*—L. W. Sherman, M. S., *Supt.*
Miami County Expt. Farm, *P. O., Troy*—P. A. Jones, *Supt.*
Paulding County Expt. Farm, *Paulding*—H. R. Hoyt, *Supt.* (*P. O., Wooster*).
Trumbull County Expt. Farm, *P. O., Cortland*—Harold Allen, *Supt.*
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†I. T. Goddard, B. S., *Asst. Agron. (Soil Conservation: P. O., Guthrie).*
†Chester Gray, B. S., *Asst. Agron. (P. O., Pauls Valley).*
*†H. J. Harper, Ph. D., *Prof. Soils; Soils.*
†C. D. Haston, M. S., *Asst. Agron.*
*†J. C. Ireland, Ph. D., *Prof. Plant Brdg.; Plant Breeder.*
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†J. R. Kinnard, *Foreman Perkins Farm.*
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Animal Husbandry:

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Bacteriology, Physiology, and Veterinary Science:

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Chemistry—Continued.

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Journalism (Agr.):

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Poultry Husbandry:

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*D. C. Jones, B. S., *Teacher Trainer in Voc. Agr.*
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*Corrine Lythcott, B. S., *Clothing.*
*P. W. McCree, B. S., *Biol.*
*R. E. Malone, A. M., *Agron. and Agr. Ed.*
*L. G. Moore, M. S., *Chem.*
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Agronomy—*See* **Farm Crops.**

Animal Husbandry:

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Animal Husbandry—Continued.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] Courses in economics given in School of Commerce.
[2] For subject-matter workers see the respective division; i. e., animal husbandry, bacteriology, etc.

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[1] On leave.

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*†‡H. O. Stuart, M. S., *Prof. Poultry Husb.; Poultry Husb.*
*†J. C. Weldin, Ph. D., *Prof. Bact.; Bact.*
*‡Howland Burdick, B. S., *Asst. Prof. Dairying and Farm Mach.*
†J. P. Delaplane, D. V. M., M. S., *Asst. in Poultry Husb.*
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*J. W. Ince, M. A., *Prof. Chem.*
*F. W. Keaney, A. B., *Instr. Chem.*
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*‡E. P. Christopher, M. S., *Instr. Hort.*
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†C. H. Arndt, Ph. D., *Assoc. Plant Path.*
*†W. B. Aull, B. S., *Assoc. Prof. and Assoc. Bact.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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†W. T. Mattison, B. S., *Asst. in Chem.*
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*Andrew Murphy, M. A., *Instr. Chem.*
*F. H. Pollard, Ph. D., *Prof. Chem.*
†D. B. Roderick, B. A., *Asst. Chem.*
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Entomology—*See* **Zoology.**

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*†L. W. Smith, M. S., *Prof. Poultry Husb. and Actg. Head of Dept.*

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Pee Dee Expt. Sta., *P. O., Florence*—
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W. B. Albert, Ph. D., *Assoc. Plant Physiol.*
F. F. Bondy, B. S., *Asst. Ent. in charge Boll Weevil Control* (*Coop. U. S. D. A.*).
R. E. Currin, *in charge Tobacco Work.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
[2] On leave.

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Sandhill Expt. Sta., *P. O., R. 5, Columbia*—Continued.
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*‡J. P. Burgess, B. S., *Itinerant Teacher-Training.*
*Ida P. Davis, R. N., *Instr. Nurse Training and Sanitation.*
*George Dean, *Voc. Agr.*
*K. W. Donma, B. S., *Prof. Poultry Husb.*
*J. A. Dorman, B. S., *Instr. Agr. and Veg. Gard.*
*Edward Ferguson, A. B., *Instr. Biol. and Bact.*
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*Harriet B. Lawson, B. S., *Libr.*
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*Lilla M. Mitchell, B. S., *Instr. Nutr. and Household Furnishings.*
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*Rosa B. Reed, *Instr. Voc. Teacher Training.*
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*†Matthew Fowlds, B. S., *Instr. and Asst. Agron.*
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*Ada B. Caldwell, *Prof. Indus. Arts.*
‡Mary A. Covert, B. E., *Home Mgt. Specialist.*
‡Mary A. Dolve, M. S., *Nutr. Specialist.*
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*†Anna O. Halgrim, M. A., *Assoc. Prof. Home Econ.*
*Laura J. McArthur, B. S., *Asst. Prof. Home Econ.*
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Home Economics—Continued.

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‡S. H. Reck, jr., B. S., *Ext. Editor.*

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Zoology—*See* **Entomology.**

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Eureka—Walter Schonbrod, *Foreman.*
Highmore—S. W. Sussex, *Foreman.*
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Agronomy—Continued.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*L. R. Hesler, Ph. D., *Prof. Bot.*
†S. H. Essary, M. S., *Bot. (P. O., Fountain City).*
†C. D. Sherbakoff, Ph. D., *Plant Path. (P. O., Fountain City).*
†J. O. Andes, M. A., *Asst. Plant Path. (P. O., Bearden).*
†E. S. Brown, *Asst. in Plant Path.*
†N. I. Hancock, B. S., *Asst. Bot.*
†P. H. Hornburg, D. Sc., *Asst. Plant Path.*
*H. M. Jennison, Ph. D., *Prof. Bot.*
*J. P. Porter, M. S., *Instr. Bot.*
*A. J. Sharp, M. S., *Instr. Bot.*
*J. K. Underwood, M. S., *Instr. Bot.*

Chemistry:

†W. H. MacIntire, Ph. D., *Chem.*
*C. A. Buehler, Ph. D., *Prof. Chem.*
*C. O. Hill, Ph. C., M. S., *Prof. Chem.*
†Margaret B. MacDonald, Ph. D., *Biochem.*
*J. H. Robertson, Ph. D., *Prof. Chem.*
†Brooks Robinson, B. S., *Asst. Soil Chem.*
†W. M. Shaw, M. S., *Assoc. Soil Chem.*
†G. A. Shuey, B. S., *Assoc. Chem.*
*W. T. Smith, jr., Ph. D., *Asst. Prof. Chem.*
†Mrs. Norabelle D. Weathers, A. M., *Asst. Biochem.*
*J. H. Wood, M. S., *Instr. Chem.*
†J. B. Young, B. A., *Asst. Chem.*

Dairy Husbandry:

*C. E. Wylie, M. A., *Prof. Dairying.*
‡L. S. Edwards, B. S., *Dairy Mfg. Specialist (Coop. U. S. D. A.: P. O., Nashville).*
*T. B. Harrison, B. S., *Asst. Prof. Dairying.*
*†S. A. Hinton, M. S., *Instr. and Asst. in Dairying.*
‡C. A. Hutton, B. S., *Dairy Specialist.*
‡G. N. Tobey, *Asst. Dairy Specialist.*

Economics (Agr.):

*†C. E. Allred, M. S., *Prof. Agr. Econ.; Agr. Econ.*
†S. W. Atkins, M. S., *Asst. Agr. Econ.*
†P. B. Boyer, B. Ph., *Asst. Agr. Econ.*
‡E. P. Callahan, B. S., *Asst. Farm Mgt. Specialist.*
‡F. W. Colby, B. S., *Asst. Mktg. Specialist.*
*T. W. Glocker, Ph. D., *Prof. Econ. and Sociol.*
†G. H. Hatfield, M. S., *Asst. Agr. Econ. (P. O., Memphis).*
‡H. C. Holmes, B. S., *Asst. Farm Mgt. Specialist (P. O., Jackson).*
‡A. L. Jerdan, M. S., *Mktg. Specialist.*
‡J. F. Joyce, jr., B. S., *Asst. Farm Mgt. Specialist (P. O., Nashville).*

Economics (Agr.)—Continued.

‡J. C. McAmis, B. S., *Farm Mgt. Specialist.*
‡Elizabeth Moreland, B. A., *Community Service Specialist.*
‡William Moser, B. S., *Asst. Farm Mgt. Specialist (P. O., McMinnville).*
*D. L. Outen, B. S., *Asst. in Agr. Econ.*
*G. P. Warber, A. M., *Assoc. Prof. Econ. and Mktg.*
‡Isadora Williams, B. A., *Asst. Mktg. Specialist.*

Editorial:

‡A. J. Sims, *Ext. Editor.*

Education (Agr.):

*N. E. Fitzgerald, B. S. Ed., M. S., *Prof. Agr. Ed.*
*J. W. Brimm, B. S., *Instr. Agr. Ed.*
*J. B. Kirkland, B. S., *Instr. Agr. Ed.*
*E. D. Stivers, M. S., *Prof. Agr. Ed.*
*A. L. Rubin, M. S., V. M. D., *Asst. Prof. Agr. Ed. (P. O., Fountain City).*

Engineering (Agr.):

*H. A. Arnold, B. S., *Instr. Agr. Engin.*

Entomology:

*G. M. Bentley, M. S., *Prof. Ent. (State Ent.).*
†Simon Marcovitch, Ph. D., *Ent.*
*R. H. Fox, M. S., *Instr. Ent.*
†W. W. Stanley, M. S., *Asst. Ent.*

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‡C. E. Brehm, B. S., *Asst. Dir.*
‡Margaret A. Ambrose, *Asst. Home Dem. Dir.*
‡G. L. Herrington, B. S., *Boys' Club Leader.*
‡O. N. Smith, A. M., *Asst. Boys' Club Leader.*

Forestry—*See* **Horticulture.**

Geology:

*G. M. Hall, Ph. D., *Prof. and Head of Dept.*
*H. C. Amick, M. A., *Asst. Prof. Geol.*
*L. H. Rollins, M. S., *Instr. Geol.*
*J. G. Walls, A. M., *Instr. Geol.*

Home Economics:

*Jessie W. Harris, M. A., *Head School of Home Econ.*
*Ida A. Anders, M. S., *Prof. Home Econ. (Textiles and Clothing).*
*Mayme R. Buckley, M. A., *Asst. Prof. Home Econ. (Foods).*
*Ura V. Crow, M. S., *Instr. Home Econ. (Ed.).*
*Ella J. Day, Ph. D., *Prof. Home Econ. (Child Development).*
*Mary B. Forman, M. S., *Instr. Home Econ. (Nutr.).*
*Jeanette Gill, B. S., *Asst. Institutional Mgr.*
‡Maude L. Guthrie, M. A., *Nutr. Specialist.*
*Louise Henderson, M. S., *Instr. Home Econ. (Nursery School).*
*Mary E. Innes, B. S., *Instr. Home Econ. (Textiles and Clothing).*
‡Lillian L. Keller, *Household Mgt. Specialist.*
*Florence MacLeod, Ph. D., *Assoc. Prof. Home Econ. (Nutr.)*
*Frances J. Mathias, B. S., *Asst. Prof. Home Econ. (Institutional Mgt.).*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.
*Letty B. Mitchell, M. A., *Asst. Prof. Home Econ.* (*Ed.*).
*Amy P. Morse, M. A., *Assoc. Prof. Home Econ.* (*Related Art*).
*Mrs. Elizabeth L. Speer, M. A., *Asst. Prof. Home Econ.* (*Home Mgt.*).
‡Mrs. Lena A. Warner, R. N., *Health Specialist.*

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*N. D. Peacock, M. S., *Prof. Hort.*
†B. D. Drain, M. S., *Assoc. Hort.*
*Otha Ogle, *Foreman of Fruit Farm.*
‡W. C. Pelton, M. S., *Hort. Specialist.*
‡G. B. Shivery, B. S., M. F., *Farm For. Specialist.*
†C. R. Spangler, *Asst. in Hort.*
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*†Prof. M. Jacob *in charge.*

Zoology:
*E. B. Powers, Ph. D., *Prof. Zool.*
*G. A. Canning, Ph. D., *Asst. Prof. Zool.*

Zoology—Continued.
*Thressa A. Hickman, A. M., *Instr. Zool.*
*B. C. V. Ressler, M. S., *Asst. Prof. Zool.*
*Lula M. Shipe, M. S., *Instr. Zool.*

Miscellaneous:
*†F. H. Broome, *Secy.*
*W. A. Campbell, *Farm Supt.*
*†Sarah E. Currell, M. A., *Libr.*
‡Florence D. McTeer, *Ext. Secy.*

Substations:
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Lester Weakley, *Asst.*
Middle Tenn. Expt. Sta., *P. O., Columbia*—
L. R. Neel, B. S., *Supt.*
J. T. Davis, B. S., *Asst. in An. Husb.*
West Tenn. Expt. Sta., *P. O., Jackson*—
B. P. Hazlewood, M. S., *Supt.*

Tennessee Agricultural and Industrial State College, *Nashville*

*Agricultural faculty

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*G. R. Bridgeforth, B. S., *Truck Gardening and Applied Agr.*
*Jeannetta Crockett, *Dom. Art.*
*W. S. Davis, jr., B. S., *Veg. Gard.*
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*W. W. Lawson, B. S., *Teacher Training in Agr.*
*M. Estelle Richards, M. A., *Dom. Sci.*
*Mrs. Mary J. Riley, B. S., A. B., *Dom. Sci.*
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*College faculty. †Station staff. ‡Extension staff

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‡O. B. Martin, A. B., *Dir. of Ext. Service*
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*E. J. Kyle, M. S., *Dean School of Agr.*
*F. C. Bolton, M. S., *Actg. Dean of Coll.*

Agronomy:
†E. B. Reynolds, Ph. D., *Chief of Div.*
†R. E. Karper, M. S., *Agron.* (*Grain Sorghum Research*). *Vice Dir. of Sta.*
*J. O. Morgan, Ph. D., *Vice Dean School of Agr., Head Prof. Agron.*
‡R. H. Bush, B. S., *Special Agt. in Pasture and Field Crops.*
*L. G. Jones, Ph. D., *Prof. Agron.*
†D. T. Killough, M. S., *Agron.* (*Cotton Brdg.*).
†G. T. McNess, *Supt. Main Sta. Farm.*
†P. C. Mangelsdorf, Sc. D., *Agron.* (*Corn and Small Grain*).
‡E. A. Miller, B. S., *Ext. Agron.*
*J. S. Mogford, M. S., *Assoc. Prof. Agron.*
*S. S. Obenshain, M. S., *Asst. Prof. Agron.*
†H. E. Rea, B. S., *Agron.* (*Cotton Root Rot Invest.: P. O., Temple*).
*R. T. Stewart, Ph. D., *Assoc. Prof. Agron.*

Animal Husbandry:
†J. M. Jones, A. M., *Chief Div. of Range An. Husb.* (*Sheep and Goat Invest.*).

Animal Husbandry—Continued.
*D. W. Williams, M. S., *Head Prof. An. Husb.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
*C. N. Shepardson, M. S., *Head Prof. Dairy Husb.*
†Fred Hale, M. S., *Chief Div. of Swine Husb.*
†R. M. Sherwood, M. S., *Chief Div. of Poultry Husb.*
*D. S. Buchanan, M. S., *Prof. An. Husb.*
†O. C. Copeland, M. S., *Dairy Husb.*
‡P. A. Cunyus, M. S., *Asst. Ext. Poultry Husb.*
*A. L. Darnell, M. A., *Prof. Dairy Husb.*
†S. P. Davis, *Wool Grader.*
‡E. R. Eudaly, B. S., *Ext. Dairy Husb.*
‡E. N. Holmgreen, B. S., *Ext. Poultry Husb.*
†‡J. H. Jones, B. S., *Agt. in An. Husb.* (*Coop. U. S. D. A.*).
*J. H. Knox, M. S., *Assoc. Prof. An. Husb.*

[1] Not on active duty.

Animal Husbandry—Continued.
*A. K. Mackey, M. S., *Prof. An. Husb. (in charge Sheep and Angora Goats).*
*R. M. Milhollin, B. S., *Asst. Prof. An. Husb.*
*W. F. Munnerlyn, M. S., *Asst. Prof. Poultry Husb.*
‡E. M. Regenbrecht, M. S., *Ext. Swine Husb.*
*R. W. Renner, M. S., *Assoc. Prof. Dairy Husb.*
‡A. L. Smith, B. S., *Ext. An. Husb.*
‡R. W. Snyder, M. S., *Meat Specialist.*
‡J. L. Thomas, B. S., *Ext. Dairyman.*
†B. L. Warwick, Ph. D., *Range An. Husb. (Brdg. Invest.).*

Biology:
*O. M. Ball, Ph. D., *Head Prof. Biol.*
*R. O. Berry, B. S., *Actg. Instr. Biol.*
*C. C. Doak, M. S., *Asst. Prof. Biol.*
*P. F. English,[1] M. S., *Assoc. Prof. Biol.*
*E. H. Gibbons, S. M., *Asst. Prof. Biol.*
*U. R. Gore, M. S., *Instr. Biol.*
*Charles LaMotte, M. A., *Actg. Asst. Prof. Biol.*
*R. G. Reeves, Ph. D., *Prof. Biol.*

Botany:
†V. L. Cory, M. S., *Actg. Chief of Div. (P. O., Sonora).*
†S. E. Wolff, M. S., *Bot. (Cotton Root Rot Invest.: P. O., Temple).*

Chemistry:
†G. S. Fraps, Ph. D., *Chief Div. of Chem. (State Chem.).*
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. State Chem.*
*F. F. Bishop, M. S., *Instr. Chem.*
*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
†E. C. Carlyle, M. S., *Asst. Chem.*
†Mrs. Jeanne F. DeMottier, *Asst. Chem.*
*R. A. Eads, M. S., *Instr. Chem.*
†J. F. Fudge, Ph. D., *Chem. (Cotton Root Rot Invest.).*
†Velma Graham, *Asst. Chem.*
*M. T. Harrington, M. S., *Instr. Chem.*
*B. C. Jones, M. S., *Asst. Prof. Chem.*
*L. A. Koenig, B. A., *Asst. Prof. Chem.*
*E. B. Middleton, M. S., *Instr. Chem.*
†T. L. Ogier, B. S., *Asst. Chem.*
*W. M. Potts, M. S., *Instr. Chem.*
†C. M. Pounders, B. S., *Asst. Chem.*
†R. L. Schwartz, B. S., *Asst. Chem.*
*R. E. Snuggs, M. S., *Instr. Chem.*
†A. J. Sterges, M. S., *Asst. Chem.*
†Ray Treichler, M. S., *Asst. Chem.*
†W. H. Walker, *Asst. Chem.*

Economics (Agr.):
†L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.*
*V. P. Lee, Ph. D., *Head Prof. Mktg. and Finance.*
*T. W. Leland, M. A., C. P. A., *Head Prof. Accounting and Statistics.*
*S. A. McMillan, M. S., *Head Prof. Farm and Ranch Mgt.*
*Daniel Russell, A. B., *Head Prof. Rural Sociol.*
†C. A. Bonnen, M. S., *Farm Mgt. Research Specialist.*
*J. O. Gragg, M. A., *Instr. Accounting and Statistics.*
*T. R. Hamilton, M. S., *Assoc. Prof. Accounting and Statistics.*
*R. L. Hunt, M. S., *Asst. Prof. Mktg. and Finance.*

Economics (Agr.)—Continued.
*V. C. McKim, M. A., *Asst. Prof. Agr. Econ.*
†A. C. Magee, M. S., *Asst. in Farm Mgt. (Coop. U. S. D. A.: P. O., Lubbock).*
†‡W. R. Nisbet, B. S., *Ranch Mgt. Specialist (Coop. U. S. D. A.: P. O., Sonora).*
*L. S. Paine,[1] M. A., *Assoc. Prof. Agr. Econ.*
†W. E. Paulson, Ph. D., *Mktg. Research Specialist.*
*O. A. Weinke, M. S., *Assoc. Prof. Accounting and Statistics.*

Editorial—*See* **Publications.**

Education (Agr.):[2]
*C. H. Winkler, Ph. D., *Dean School of Voc. Teaching, Head Prof. Agr. Ed.*
*W. L. Hughes, M. S., *Head Prof. Rural Ed.*
*E. R. Alexander, M. S., *Prof. Agr. Ed.*
*J. C. Dykes, B. S., *Prof. Agr. Ed.*
*G. B. Wilcox, M. A., *Prof. Rural Ed.*

Engineering (Agr.):
*Daniels Scoates, A. E., *Head Prof. Agr. Engin.*
†H. P. Smith, M. S., *Chief Div. of Agr. Engin.*
*U. S. Allison, B. S., *Asst. Prof. Agr. Engin.*
‡M. R. Bentley, B. S., *Ext. Agr. Engin.*
*M. H. Byrom, B. S., *Instr. Agr. Engin.*
*F. R. Jones, M. S., *Assoc. Prof. Agr. Engin.*
*M. F. Thurmond, B. S., *Assoc. Prof. Agr. Engin.*

Entomology:
†F. L. Thomas, Ph. D., *Chief Div. of Ent. (State Ent.).*
*S. W. Bilsing, Ph. D., *Head Prof. Ent.*
†H. B. Parks, B. S., *Chief of Apicultural Research Lab., P. O., San Antonio.*
†A. H. Alex, B. S., *Queen Breeder, Apicultural Research Lab., P. O., San Antonio.*
†F. F. Bibby, B. S., *Ent.*
†E. W. Dunnam, Ph. D., *Ent. (Coop. U. S. D. A.).*
†F. A. Fenton, Ph. D., *Ent. (Coop. U. S. D. A.: P. O., El Paso).*
†R. K. Fletcher, Ph. D., *Ent.*
†J. C. Gaines, jr., M. S., *Ent.*
†C. E. Heard, B. S., *Chief Foulbrood Insp.*
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†S. E. Jones, M. S., *Ent.*
*V. A. Little, M. S., *Assoc. Prof. Ent.*
†S. E. McGregor, B. S., *Asst. Foulbrood Insp.*
†R. W. Moreland, B. S., *Ent. (Coop. U. S. D. A.).*
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†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, B. S., *Ext. Ent.*
†J. N. Roney, M. S., *Ent. (P. O., Dickinson).*
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Extension (Admin.):[3]
Director Martin *in charge.*
‡H. H. Williamson, B. S., *Vice Dir. and State Agt.*
‡M. T. Payne, *State Boys' Club Agt.*

[1] On leave.
[2] Courses given in School of Vocational Teaching.
[3] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Extension (Admin.)—Continued.
‡Mildred F. Horton, *State Home Dem. Agt.*
‡Bess Edwards, B. S., *Asst. State Home Dem. Agt.*

Feed Control Service:
†F. D. Fuller, M. S., *Chief.*
†James Sullivan, *Asst. Chief.*
†K. L. Kirkland, B. S., *Insp.*
†P. A. Moore, *Insp.*
†S. D. Pearce, *Secy.*
†S. D. Reynolds, jr., *Insp.*
†J. H. Rogers, *Insp.*
†H. G. Wickes, B. S., *Insp.*
†E. J. Wilson, B. S., *Insp.*

Forestry:[1]
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*R. F. Balthis, M. S., *Asst. State For.*
*I. C. Burroughs, M. S. F., *Asst Chief. Div. For. Protection (P. O., Lufkin).*
*‡C. W. Simmons, M. F., *Farm For.*
*C. B. Webster, M. S. F., *Chief Div. For. Mgt.*
*W. E. White, B. S., *Chief Div. Forest Protection (P. O., Lufkin).*

Genetics:
*E. P. Humbert, Ph. D., *Head Prof. Genetics.*
*C. B. Godbey, M. S., *Assoc. Prof. Genetics.*
*W. R. Horlacher, Ph. D., *Prof. Genetics.*

Geology:
*J. T. Lonsdale, Ph. D., *Head Prof. Geol.*
*F. A. Burt, M. S., *Assoc. Prof. Geol.*
*H. B. Stenzel, Ph. D., *Asst. Prof. Geol.*
*C. R. Wallace, A. M., *Instr. Geol.*

Home Economics:
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‡Mrs. Dora R. Barnes, M. S., *Ext. Specialist in Clothing.*
‡Mrs. Maggie W. Barry, M. A., *Ext. Sociol. (Rural Women's Organ.).*
‡Lola Blair, B. S., *Ext. Nutr.*
‡Mrs. Bernice Claytor, B. S., *Ext. Specialist in Home Improvement.*
†Mary A. Grimes, M. S., *Textiles and Clothing Specialist.*
‡Mamie L. Hayden, B. S., *Ext. Specialist in Home Indus.*
‡Zetha McInnis, B. S., *Ext. Specialist in Home Indus.*
†Elizabeth D. Terrill, M. A., *Nutr. Specialist.*

Horticulture:
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*E. J. Kyle, M. S., *Head Prof. Hort.*
*F. W. Hensel, jr., M. S., *Head Prof. Landsc. Art.*
*G. W. Adriance,[2] Ph. D., *Prof. Hort.*
*K. H. Beach, M. S., *Asst. Prof. Hort.*
*F. R. Brison, B. S., *Assoc. Prof. Hort.*
‡Inez Derryberry, *Ext. Landsc. Gard.*
*N. M. McGinnis, B. S., *Prof. Landsc. Art.*
*C. H. Ragland, B. S., *Actg. Prof. Hort.*
‡J. F. Rosborough, B. S., *Ext. Hort.*

Plant Pathology and Physiology:
†J. J. Taubenhaus, Ph. D., *Chief of Div.*
†W. J. Bach, M. S., *Plant Path. (P. O., Weslaco).*
†W. N. Ezekiel, Ph. D., *Plant Path. and Lab. Technician.*

[1] Texas Forest Service.

Plant Pathology and Physiology—Continued.
†C. H. Rogers, Ph. D., *Plant Path. (P. O., Temple).*

Publications:
†A. D. Jackson, *Chief of Div.*
‡Mrs. Minnie F. Cunningham, Ph. G., *Assoc. Ext. Editor.*
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Soil Survey:
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†A. H. Bean, B. S., *Soil Surveyor.*
†M. W. Beck, B. S., *Soil Surveyor (Coop. U. S. D. A.).*
†R. H. Marshall, B. S., *Soil Surveyor.*
†H. M. Smith, B. S., *Soil Surveyor (Coop. U. S. D. A.).*
†E. H. Templin, B. S., *Soil Surveyor.*

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*R. P. Marsteller, D. V. M., *Head Prof. Vet. Med. and Surg.*
†H. Schmidt, D. V. M., *Actg. for Chief Div. of Vet. Sci.*
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*R. C. Dunn, D. V. M., *Prof. Vet. Med. and Surg.*
*A. A. Lenert, D. V. M., *Assoc. Prof. Vet. Med.*
†F. P. Mathews, D. V. M., M. S., *Vet. in charge Loco Invest. Lab. (Coop. U. S. D. A.: P. O., Alpine).*
*A. E. Wharton, D. V. M., *Assoc. Prof. Vet. Path.*

Miscellaneous:
†Howard Berry, B. S., *Tech. Asst.*
†J. K. Francklow, *Asst. Chief Clerk.*
†Chester Higgs, *Executive Asst.*
†M. A. Holleman, jr., *Chief Clerk.*
*T. F. Mayo, M. A., *Libr.*
†Clarice Mixson, B. A., *Secy.*

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R. H. Stansel, M. S., *Supt.*
Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—
R. H. Wyche, B. S., *Supt.*
H. M. Beachell, M. S., *Cereal Crops (Coop. U. S. D. A.).*
Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
Chillicothe (No. 12)—
J. R. Quinby, B. S., *Supt.*
J. C. Stephens, M. A., *Asst. Agron. (Coop. U. S. D. A.).*
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P. B. Dunkle, B. S., *Supt.*
I. M. Atkins, B. S., *Cereal Crops (Coop. U. S. D. A.).*
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Lubbock (No. 8)—
D. L. Jones, *Supt.*
Frank Gaines, *Irrig. and For. Nurseryman.*
Nacogdoches (No. 11)—
H. F. Morris, M. S., *Supt.*
Sonora (No. 14)—
W. H. Dameron, B. S., *Supt.*
I. B. Boughton, D. V. M., *Vet. (Sheep and Goat Disease Invest.).*

[2] On leave.

Substations—Continued.
Sonora (No. 14)—Continued.
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O. L. Carpenter, *Shepherd.*
W. T. Hardy, D. V. M., *Vet.*
Spur (No. 7)—
R. E. Dickson, B. S., *Supt.*
B. C. Langley, M. S., *Agron.*
Temple (No. 5)—
Henry Dunlavy, M. S., *Supt.*
H. V. Geib, M. S., *Soil Erosion Invest.* (*Coop. U. S. D. A.*)
H. O. Hill, B. S., *Soil Erosion Invest.* (*Coop. U. S. D. A.*).

Substations—Continued.
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P. R. Johnson, M. S., *Supt.*
R. W. Baird, B. S., *Soil Erosion Invest.* (*Coop. U. S. D. A.*).
B. H. Hendrickson, B. S., *Soil Erosion Invest.* (*Coop. U. S. D. A.*).
Weslaco (No. 15)—
W. H. Friend, B. S., *Supt.*
S. W. Clark, B. S., *Ent.*
J. F. Wood, B. S., *Hort.*
Winter Haven (No. 19)—
E. Mortensen, B. S., *Supt.*
L. R. Hawthorn, M. S., *Hort.* (*Coop. U. S. D. A.*).

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*O. A. Baker, B. S., *Libr.*
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*Elcena F. Martin, B. S., *Clothing.*
*Elizabeth C. May, B. S., *Dir. School of Home Econ.*
*Mary I. Moore, B. S., *Instr. Handicrafts.*
*Mae I. Pride, B. S., *Dom. Sci.*
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*Grace L. Smith, B. S., *Instr. Clothing and Foods.*
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†George Whornham, B. S., *Asst. Field Agron.*

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*†‡Byron Alder, B. S., *Prof. Poultry Husb.; Poultryman.*
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*†K. R. Stevens, Ph. D., *Instr. and Asst. Bact.*

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†H. L. Blood, Ph. D., *Plant Path.* (*Coop. U. S. D. A.*).
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*†C. T. Hirst, M. S., *Assoc. Prof. and Assoc. Chem.*
*Sherwin Maeser, Ph. D., *Assoc. Prof. Chem.*

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†G. Q. Bateman, B. S., *Asst. Dairy Husb. and Supt. Dairy Expt. Farm* (*Coop. U. S. D. A.*).
*A. J. Morris, M. S., *Asst. Prof. Dairy Mfg.*

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*†J. A. Geddes, Ph. D., *Prof. Sociol.; Assoc. Rural Sociol.*
*W. L. Wanlass, Ph. D., *Prof. Agr. Econ. and Mktg.*

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†D. E. Madsen, D. V. M., *An. Path.*

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†D. A. Burgoyne, B. S., *Sta. Secy.*
†Edith Hayball, B. S., *Asst. Statistician.*
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*Hattie Smith, *Asst. Libr.*

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Davis County Substa., *P. O., Farmington* ——— ———, *Supt.*
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Animal Industry—Continued.
†O. M. Camburn, B. S., *Assoc. Dairy Husb.*
*†M. H. Campbell,[2] M. S., *Prof. Dairy Prod.; Assoc. Dairy Husb.*
†J. M. Frayer, B. S., *Asst. Dairy Bact.*
*‡L. M. Greene, M. S., *Instr. Poultry Husb., Poultry Path.*
‡A. W. Lohman, M. S., *Ext. Poultryman.*

[1] For subject-matter workers see the respective division; i. e., agronomy and soils, animal and poultry husbandry, etc.
[2] On leave.

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‡E. H. Loveland, A. M., *Ext. Dairyman.*
*†J. A. Newlander, M. S., *Assoc. Prof. and Assoc. An. and Dairy Husb.*
*R. W. Smith, jr., M. S., *Prof. Dairy Mfg.*

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*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
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*†Winona E. Stone, Ph. B., *Instr. Bot.; Asst. Plant Path.*

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†G. F. Anderson, *Asst. Chem.*
†E. F. Boyce, B. S., *Asst. Chem.* (*Regulatory*).
†J. B. Vander, B. S., *Asst. Chem.*
†L. S. Walker, B. S., *Chem.* (*Regulatory*).

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*‡C. W. Gilbert, Ph. D., *Asst. Prof. Farm Mgt. and Ext. Econ., Farm Mgt.*
†H. C. Grinnell, M. S., *Asst. Agr. Econ.*
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‡Martha E. Leighton, B. S., *Asst. State Club Leader.*
‡Marjorie E. Luce, B. S., *State Home Dem. Leader and Asst. State Club Leader.*
‡H. W. Soule, B. S., *Asst. County Agt. Leader.*

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‡J. G. Weir, B. S., *Ext. For.*

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†Marianne Muse, M. S., *in charge Home Econ. Research.*
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*Alice E. Blundell, M. S., *Asst. Prof. Home Econ.*
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*Grace Burwash, A. M., *Asst. Prof. Home Econ.*
*Alida B. Fairbanks, A. M., *Asst. Prof. Home Econ.*
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*Cornelia Collier, A. M., *Instr. Zool.*
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‡A. L. Dean, *Ext. Poultry Husb.*

[1] On leave.
[2] For sub-ject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Animal Industry—Continued.

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‡G. C. Herring, B. S., *Ext. An. Husb.*
‡Bessie M. Hodsden, *Asst. Poultry Specialist.*
‡K. E. Litton, M. S., *Ext. Asst. An. Husb.*
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†A. B. Groves, M. S., *Asst. Plant Path.*
†R. G. Henderson, M. S., *Asst. Plant Path.*
†R. H. Hurt, B. S., *Asst. Plant Path.*
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†A. M. Woodside, M. S., *Asst. Ent.* (*P. O., Staunton*).

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*L. C. Morley, D. V. M., *Instr. An. Path.*
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*W. L. Threlkeld, M. A., *Asst. Prof. Zool.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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†G. R. Gardner, *Hort. Foreman.*
†J. B. Hester, M. S., *Soil Tech.*
†H. M. Mears, *Foreman, Eastern Shore Expt. Farm, P. O., Onley.*
†M. M. Parker, B. S., *Asst. Hort.*
††W. O. Strong, B. S., *Asst. (P. O., Onley).*
†H. G. Walker, Ph. D., *Ent.*

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*Agricultural faculty

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Editorial—*See* **Journalism.**

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] On leave.
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Bull, Mrs. H., 64.
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Bull, I. F., 63.
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Bull, W. I., 79.
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Bullis, K. L., 41.
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Burch, J. W., 50.
Burd, J. S., 6.
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Burgess, P. S., 3.
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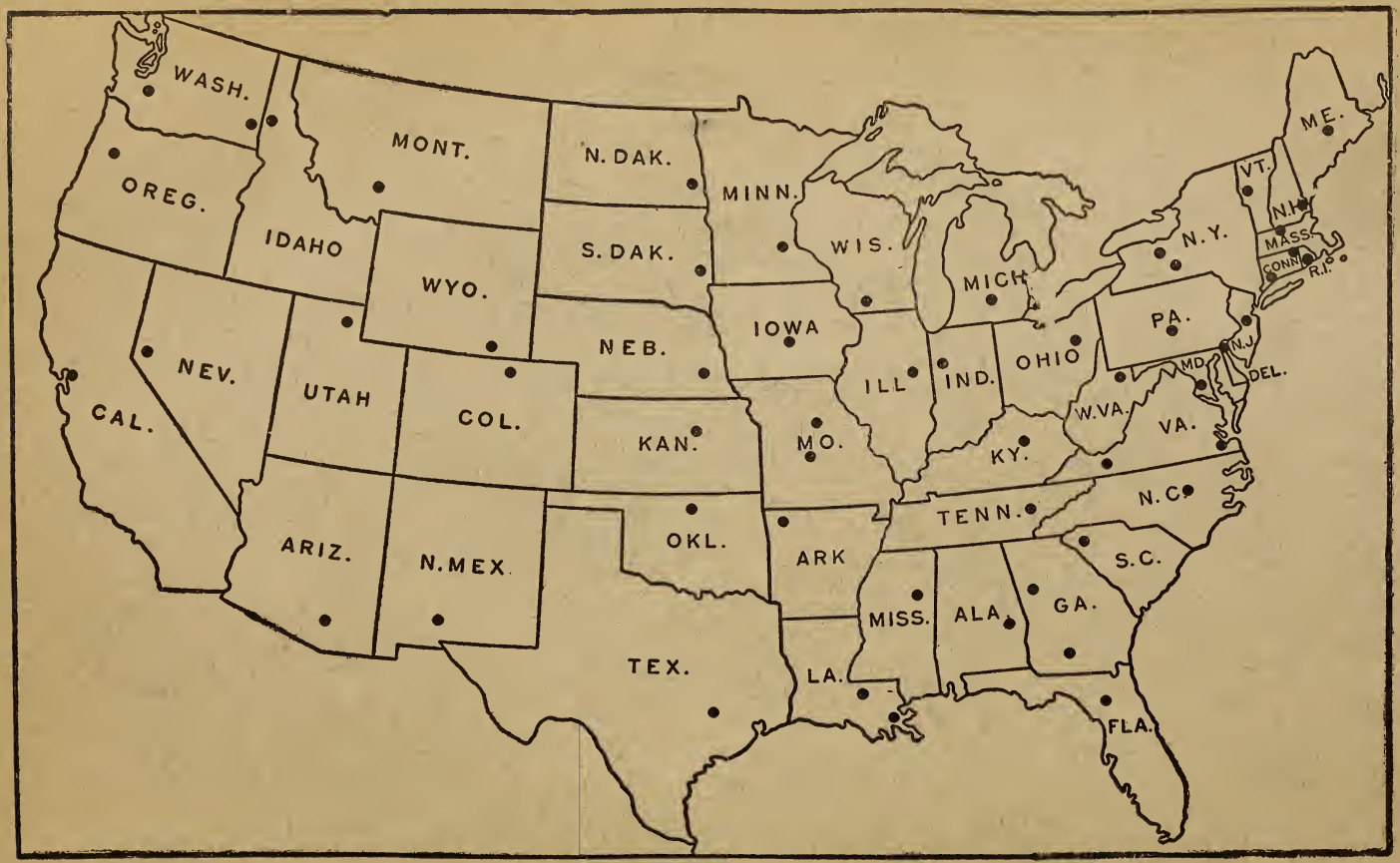

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